

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/050636 A1

(51) International Patent Classification⁷: **G11B 19/02**

M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(21) International Application Number:
PCT/IB2004/052441

(74) Agents: **GROENENDAAL, Antonius, W., M. et al.**;
Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(22) International Filing Date:
16 November 2004 (16.11.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03104330.0 24 November 2003 (24.11.2003) EP

(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

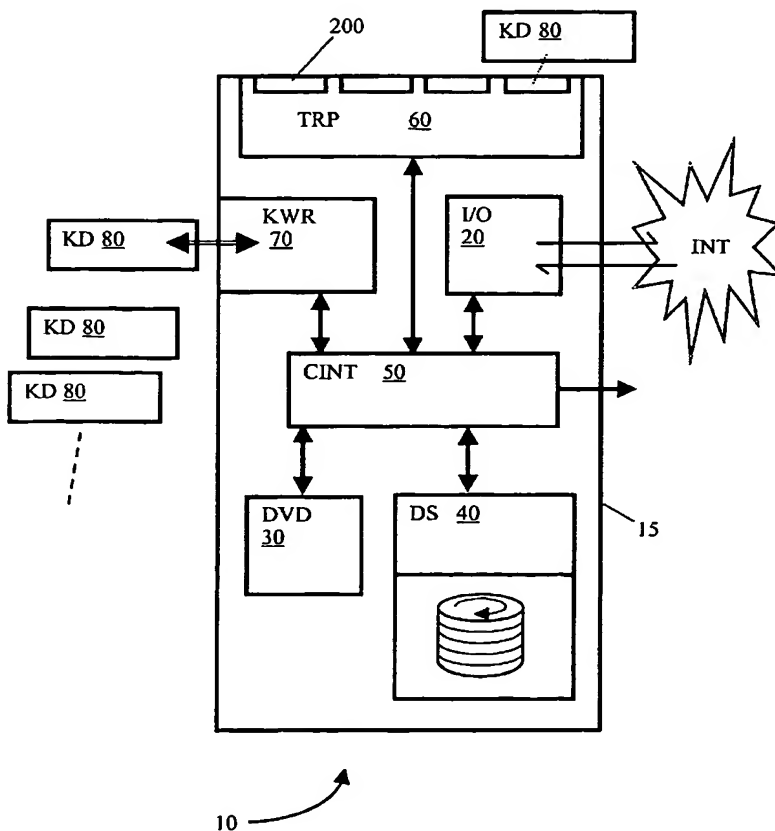
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PLEUNIS, Johannes,**

[Continued on next page]

(54) Title: **SYSTEM AND METHOD FOR PROVIDING VISIBLE PHYSICAL FEEDBACK**



(57) Abstract: There is provided an electronic system (10) for providing visible user physical feedback via at least one data token (80). The system (10) includes a computing means (50), a data store (40) coupled to said computing means (50) for at least one of inputting data and outputting data content from the store (40), and a token interfacing means (60, 70) coupled to said computing means (50) for interfacing to said at least one data token (80) detachable from the system (10), said at least one token (80) for representing data content in the store (40). The system (10) is arranged to perform operations including at least one of delete, read, write, and rearrange data content associated with said at least one token (80) to read from said at least one token (80) using the token interfacing means (60, 70) details of said data content to identify said data content and/or to record on said at least one token (80) using the token interfacing means (60, 70) one or more details of said operations so that said one or more details are optically readable from said at least one token (80) when user-inspected, thereby enabling said at least one token (80) to be a representation in tangible form of corresponding data content stored in the data store (40).



FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— with international search report